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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/827,278	04/04/2001	2652	912	03594.P023X	6	24	3

Robert B. O'Rourke
 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
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CONFIRMATION NO. 6618

CORRECTED FILING RECEIPT



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JUL 10 2002

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
 LOS ANGELES

Date Mailed: 07/03/2002

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Applicant(s)

Robert S. Beach, Los Gatos, CA;

ENTERED

JUL 10 2002

Domestic Priority data as claimed by applicant

STATUS DB-LA

THIS APPLICATION IS A CIP OF 09/615,158 07/13/2000

Foreign Applications

If Required, Foreign Filing License Granted 05/17/2001

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

Title

Spin valve sensor with an antiferromagnetic layer between two pinned layers

Preliminary Class

360

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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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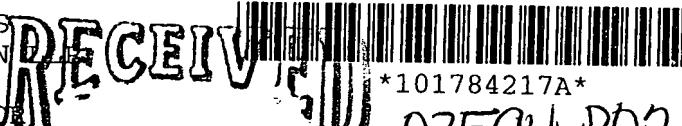
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ASSIGNEE:

BEACH, ROBERT S.

DOC DATE: 07/11/2001

ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES
CORPORATION
NEW ORCHARD ROAD
ARMONK, NEW YORK 10504

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Robert S. Beach

Additional name(s) of conveying party(ies) attached?

No Yes

3. Nature of Conveyance

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date(s): 07/11/2001

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Internal Address: _____

Street Address: New Orchard Road

City: Armonk State/Province: New York Zip: 10504

Country: U.S.A.

Additional name(s) & address(es) attached? Yes No

4. Application Number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
09/827,278

Additional numbers attached? Yes No

B. Patent No.(s)

UD 7/16/01

5. Name and address of party to whom correspondence concerning document should be mailed:

Robert B. O'Rourke

Name: Blakely, Sokoloff, Taylor & Zafman LLP

Internal Address: _____

Street Address: 12400 Wilshire Boulevard, 7th Floor

City: Los Angeles State: California Zip: 90025

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$40.00

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Washington, D.C. 20231

Atty Docket No.03594P023X

07/20/2001 GT0N11 00000024 09027278

01 FC:581

40.00 DP

INVENTOR
AND CITY(1) Robert S. Beach of Los Gatos
County of Santa Clara and State of California

Whereas, I

TITLE

have invented certain improvements in

SPIN VALVE SENSOR WITH AN ANTIFERROMAGNETIC LAYER BETWEEN TWO PINNED LAYERSDATE THAT
INVENTOR
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefor on

(1) 7-11-01,

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

CITY

(1) at San Jose, California

DATE

on 7-11-01,INVENTOR
SIGNATURE
Robert S. Beach